

12. A protein having an amino acid sequence set forth in SEQ ID NO: 2 in the sequence listing.

13. A protein comprising an amino acid sequence set forth in SEQ ID NO: 2 in the sequence listing in which one to several amino acids have been deleted, substituted or added, the protein being specifically expressed in differentiated chondrocytes, and the protein being such that

(1) the amino acid sequence of a portion of the protein corresponding to an amino acid sequence ranging from the 1st to 374th amino acids in SEQ ID NO: 2 in the sequence listing has homology of 85% or more to the amino acid sequence ranging from the 1st to 374th amino acids in the SEQ ID NO: 2,

(2) the amino acid sequence of a portion of the protein corresponding to an amino acid sequence ranging from the 544th to 737th amino acids in SEQ ID NO: 2 in the sequence listing has homology of 85% or more to the amino acid sequence ranging from the 544th to 737th amino acids in the SEQ ID NO: 2, and

(3) the amino acid sequence of a portion of the protein corresponding to an amino acid sequence ranging from the 764th to 854th amino acids in SEQ ID NO: 2 in the sequence listing has homology of 85% or more to the amino acid sequence ranging from the 764th to 854th amino acids in the SEQ ID NO: 2.

14. DNA encoding the protein according to claim 11.

15. DNA encoding the protein according to claim 12.

16. DNA encoding the protein according to claim 13.

17. A gene comprising DNA shown in the following (a) or (b):

(a) DNA comprising a nucleotide sequence ranging from the 49th to 3,183rd bases in a nucleotide sequence set forth in SEQ ID NO: 1 in the sequence listing; and

(b) DNA which is hybridized under stringent conditions with DNA having a nucleotide sequence ranging from the 49th to 3,183rd bases in a nucleotide sequence set forth in SEQ ID NO: 1 in the sequence listing, and which encodes a protein specifically expressed in differentiated chondrocytes.

AI
Cm
009250-242550
18. DNA having a part of or all of a nucleotide sequence set forth in SEQ ID NO: 1 in the sequence listing, or having a nucleotide sequence complementary to the part of or all of the nucleotide sequence.

19. An antibody against the protein according to claim 11.

20. An antibody against the protein according to claim 12.

21. An antibody against the protein according to claim 13.

22. A kit for screening a regulator of cell differentiation induction, the kit comprising at least one of the following (a) to (c) as an active ingredient:

- (a) the protein according to any one of claims 11 to 13;
- (b) the DNA according to any one of claims 14 to 18; and
- (c) the antibody according to any one of claims 19 to 21.

AI
Cmld.

23. A method for screening a regulator of cell differentiation induction, the method comprising using the kit according to claim 22.

B

24. The method for screening claimed in claim 23, wherein the regulator of cell differentiation induction is an anti-tumor agent.

REMARKS

No new matter has been introduced by this Preliminary Amendment, which is being submitted to remove improper multiple dependencies.

If there are any additional fees due in connection with the filing of this Preliminary Amendment, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted
MORGAN, LEWIS & BOCKIUS LLP

Elizabeth C. Weimar

Elizabeth C. Weimar
Reg. No. 44,478

Dated: May 26, 2000
MORGAN, LEWIS & BOCKIUS LLP
1800 M Street, N.W.
Washington, DC 20036
202-467-7812